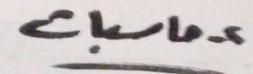


Sheet (2) Fourier transform



(1) Find the Fourier transform for the following functions.

Find the Fourier transform for the following functions.

1 9 (t) =
$$AJL(\frac{t}{z})$$
 2 (w) 9 (t) = e^{t} $u(t)$ $u(t)$

34 9(4) = Asinczwty 14 & 9(4) = sinc loot
$$\sqrt{9494} = 3 \text{ Sgn}(t-3)/\sqrt{16} 9(4) = 8 \text{ Sinc loot}$$

hapter (1) Sheeta &I For the Gussian pulse find ?-@ G(f) area under Curve 9(4) @ area under Curve G(f) 3 Find the Fourier transform for :-(a) 941 AZ () 9(+) = Aztri () 6